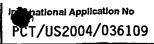
INTERNATIONAL SEARCH REPORT



A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C10G11/18 B01J8/00 B01J8/24	4		
According to	o International Patent Classification (IPC) or to both national classific	ation and IPC		
	SEARCHED	aion aio ii O		
	ocumentation searched (classification system followed by classificat	ion symbols)		
Documentat	tion searched other than minimum documentation to the extent that	such documents are included in the fields se	arched	
Electronic d	ata base consulted during the International search (name of data ba	ase and, where practical, search terms used)	
EPO-In	ternal, WPI Data, PAJ			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to daim No.	
A	US 6 042 717 A (RADCLIFFE ET AL) 28 March 2000 (2000-03-28) claim 1; figures 2,3		1-10	
A	US 6 613 290 B1 (SENIOR RICHARD 6 2 September 2003 (2003-09-02) claim 1; figure 1	c)	1–10	
Furt	her documents are listed in the continuation of box C.	Patent family members are listed i	n annex.	
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the International filing date but later than the priority date claimed "T later document published after the International filing or priority date and not in conflict with the application cited to understand the principle or theory underlying invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is take "Y" document of particular relevance; the claimed invention cannot be considered to Involve an inventive step when the document is cannot be considered to Involve an inventive step when the document is combined with one or more other such ments, such combination being obvious to a person in the art. "8." document member of the same patent family 			the application but early underlying the stairned invention be considered to cument is taken alone stairned invention ventive step when the one other such docuus to a person skilled	
	actual completion of the international search	Date of mailing of the international sea	rch report	
	0 February 2005	17/02/2005		
Name and (mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswrijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Deurinck, P		

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Information on patent family members

Nernational Application No PCT/US2004/036109

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